Title (en)
ENERGY MANAGEMENT IN A BATTERY

Title (de)
ENERGIEVERWALTUNG IN EINER BATTERIE

Title (fr)
GESTION D'ÉNERGIE DANS UNE BATTERIE

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Application
EP 14759038 A 20140801

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Abstract (en)
[origin: WO2015015133A1] The invention concerns a method for calibrating an algorithm for estimating a state variable of a battery (1) comprising the following steps: measuring at least one physical quantity of the battery making it possible to detect a first characteristic value (100) of the state variable at a first time; defining a period (PI, P2, Px, Px+1) between the first time and a second time; measuring at least one physical quantity of the battery making it possible to detect a second real characteristic value of the state variable at a second time; comparing (61), at the end of said period, an estimated value of said variable provided by the algorithm with said second characteristic value; and adapting (63) at least one parameter of the algorithm on the basis of the comparison. The invention also concerns a circuit for determining a state variable of a battery, suitable for implementing said method.

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